

TECHNICAL DATASHEET

TENNIS COURT BASECOAT

PRODUCT DESCRIPTION

Tennis Court Basecoat is a water-based acrylic primer designed for sportsfields and recreational pavement surfaces. Its unique formulation with sand and quartz is ideal for leveling and repairing low spots and depressions.

PRODUCT BENEFITS

- 1- Excellent adhesion
- 2- High filling properties
- 3- Excellent coverage
- 4- Minimal dirt pick-up
- 6- Good mechanical and abrasion properties
- 7- Good leveling

RECOMMENDED USES

It is designed for interior and exterior application onto Sports Courts offering a UV stable & slip resistant finish with minimal dirt pick up.

It can also be used for car parking, concrete, and masonry work.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

- 1- Alkaline and acid surfaces should be cleaned and neutralized.
- 2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
- 3- Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good undercoat adhesion.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State	Viscous Liquid
Color Range	Cf. catalogue
Specific Gravity, ISO 2811	1.5 ±0.05 g/cm ³
Viscosity, ISO 2884	22- 24 poises
Drying Time, ASTM D5894	2-4 hours
Recoat Time	4-6 hours
Sag Resistance, ASTM D3730	Excellent
Leveling, ASTM D2801	Excellent
Scratching Resistance, ASTM D3003	Excellent
Coverage	6-8 m ² /US. Gallon depending on the porosity of the surface.

Chemical Properties

Chemical composition	Acrylic
% Solids by Weight	70 ± 2 %
% Solids by Volume	74 ± 2%

PRIMING/THINNING/ APPLYING

Clean floor with 10% acid etching treatment if necessary and fill all the holes with epoxy putty.

- 1- Prime the surface with HAPPY WALL bitumen diluted up to 50% depending on the surface condition.
- 2- Apply one coat of Tennis Court Basecoat with a thinning of 30 to 50 % with water.
- 3- Apply one or two coats of Tennis Court Topcoat. Thin 10-15% with water.
- 4- For optimal protection and color retention, apply one coat of Wax Clear coat (thinning up to 200%)
Thickness of paints film depends on condition of surface.

Clean tools and equipment with water immediately after use.

Caution: Do not use when humidity is above 85 % and when the temperature is below 5°C during application and drying period.

PACKING

In cylindrical containers of the following capacities:

- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

STORAGE

1 year under normal storage conditions from the issue date.
Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.